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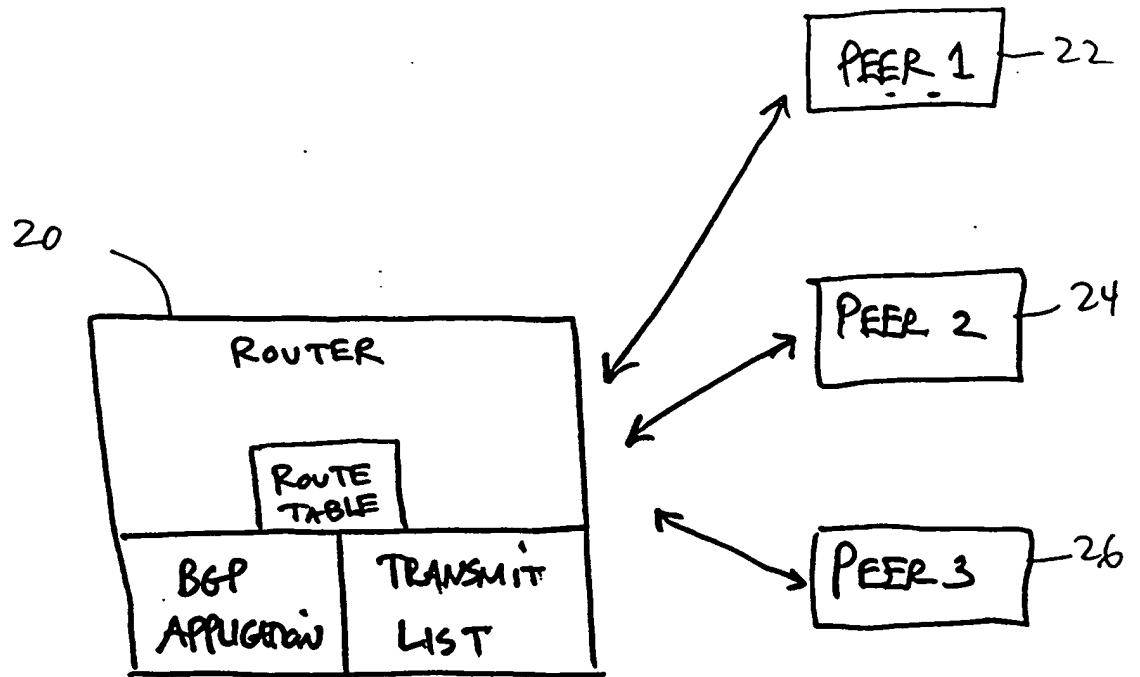


FIG. 1

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ELEMENTS 30

PEERS 32

	ELEMENT I ₁	I ₂	I ₃	I ₄ ...
PEER 1	1	0	0	1
PEER 2	0	1	0	1
PEER 3	1	0	0	1

1 = UPDATE NEEDED TO PEER

0 = NO UPDATE NEEDED

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FIG. 2

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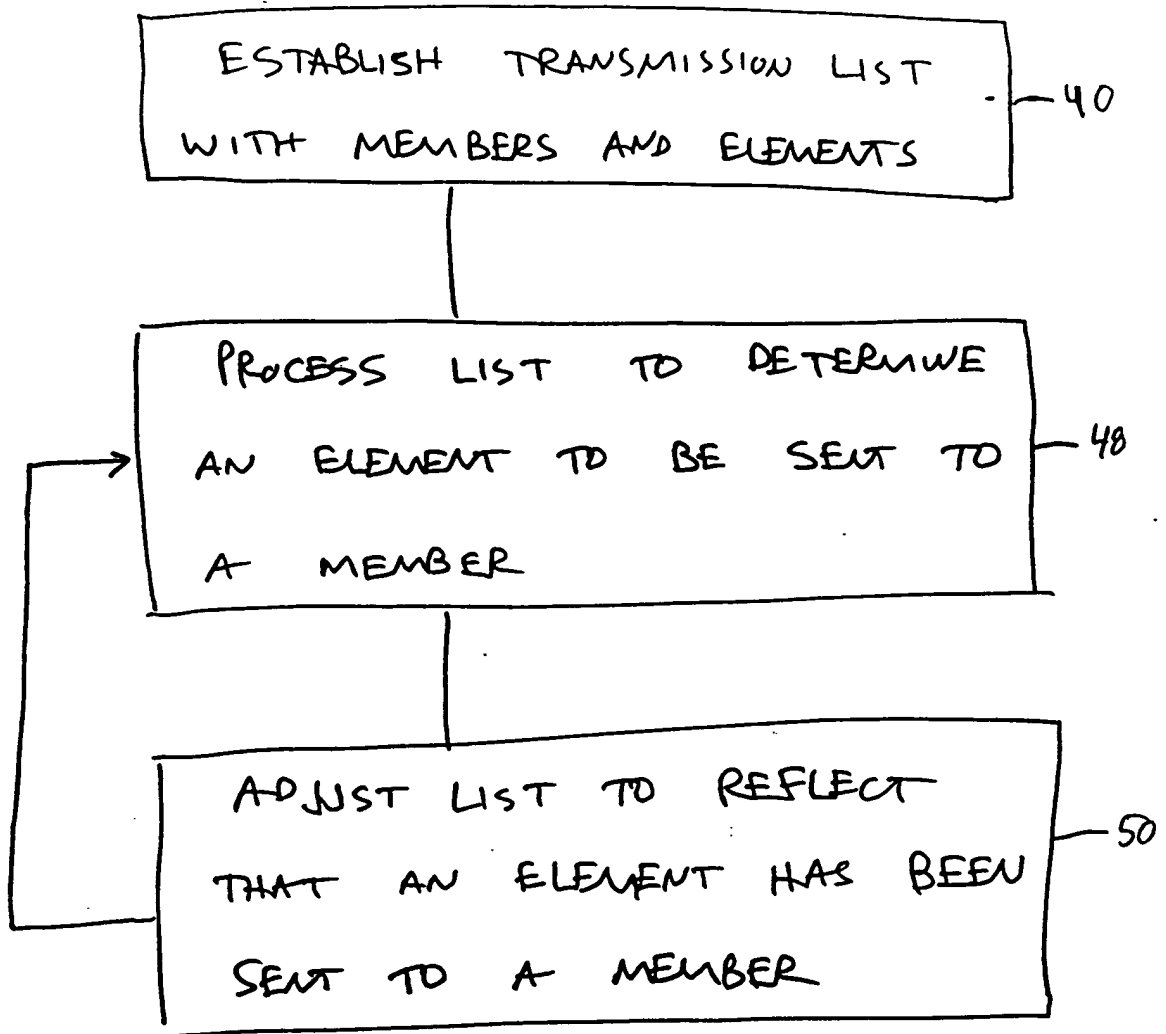


FIG. 3

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→ GLOBAL VERSION NUMBER = 4

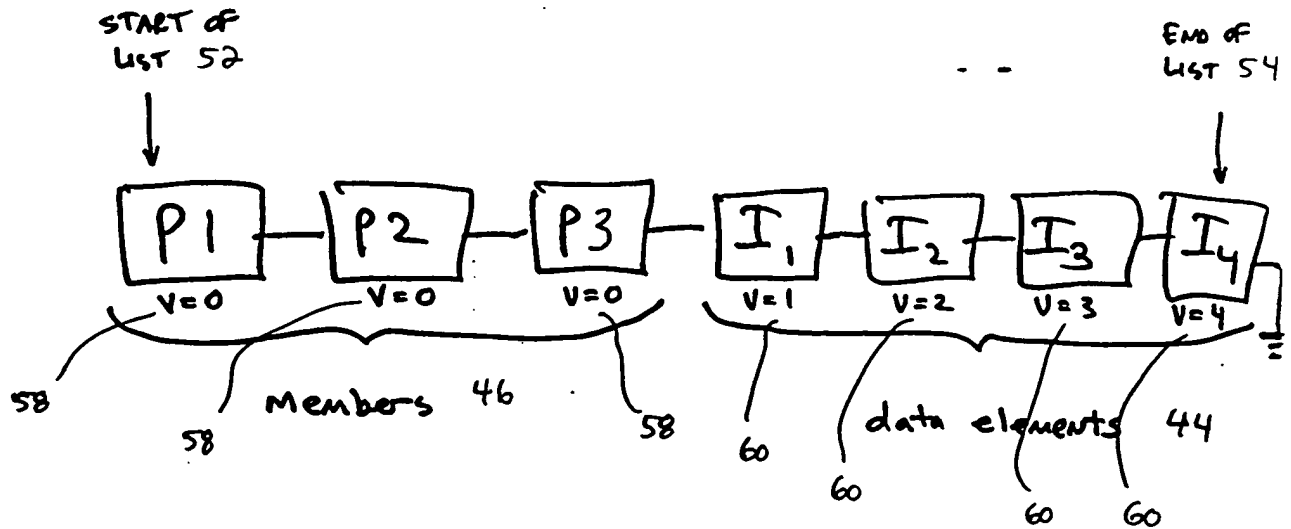


FIG. 4

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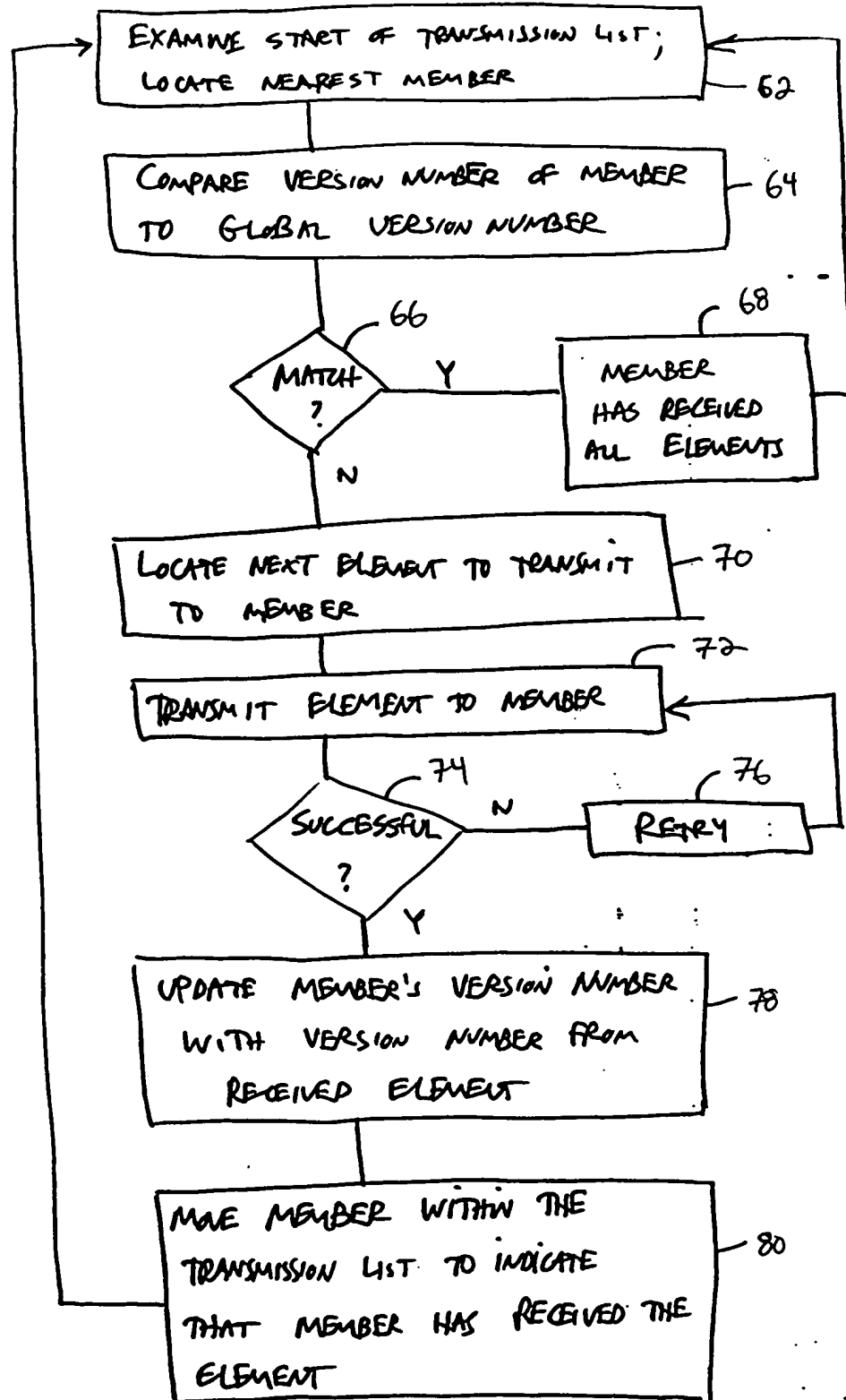


FIG. 5

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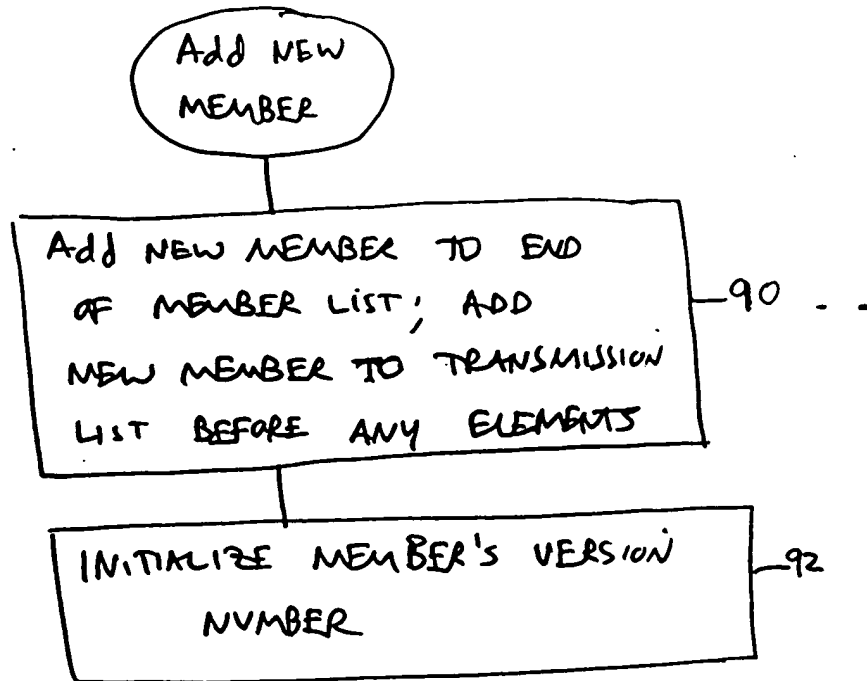


FIG. 6

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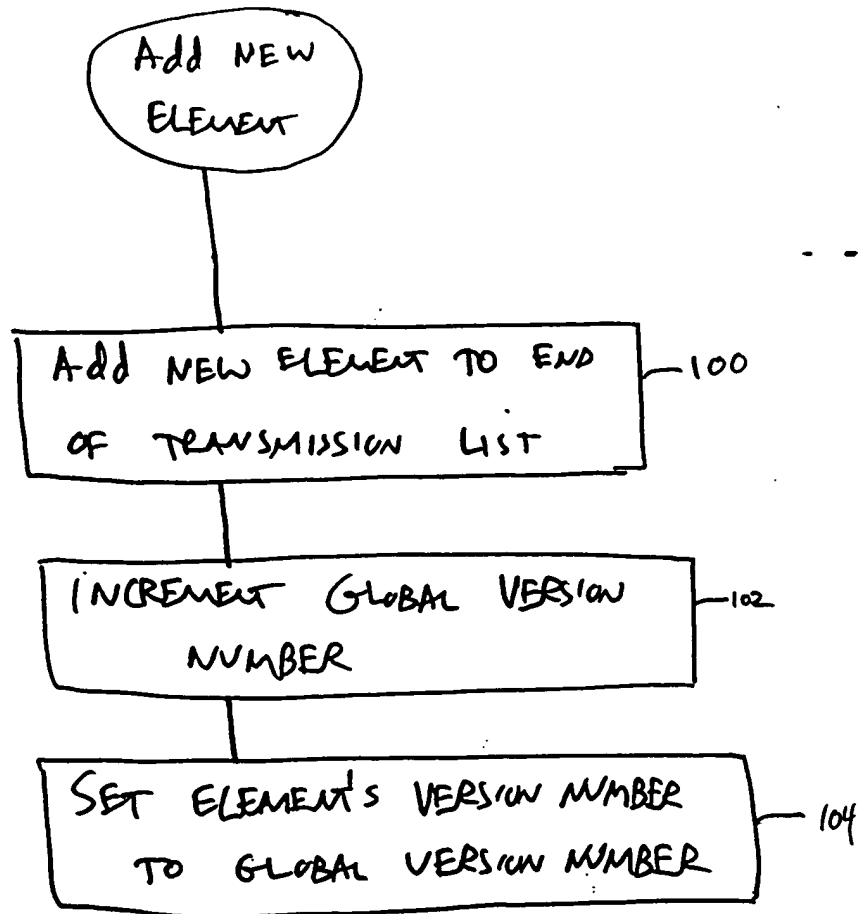


FIG. 7

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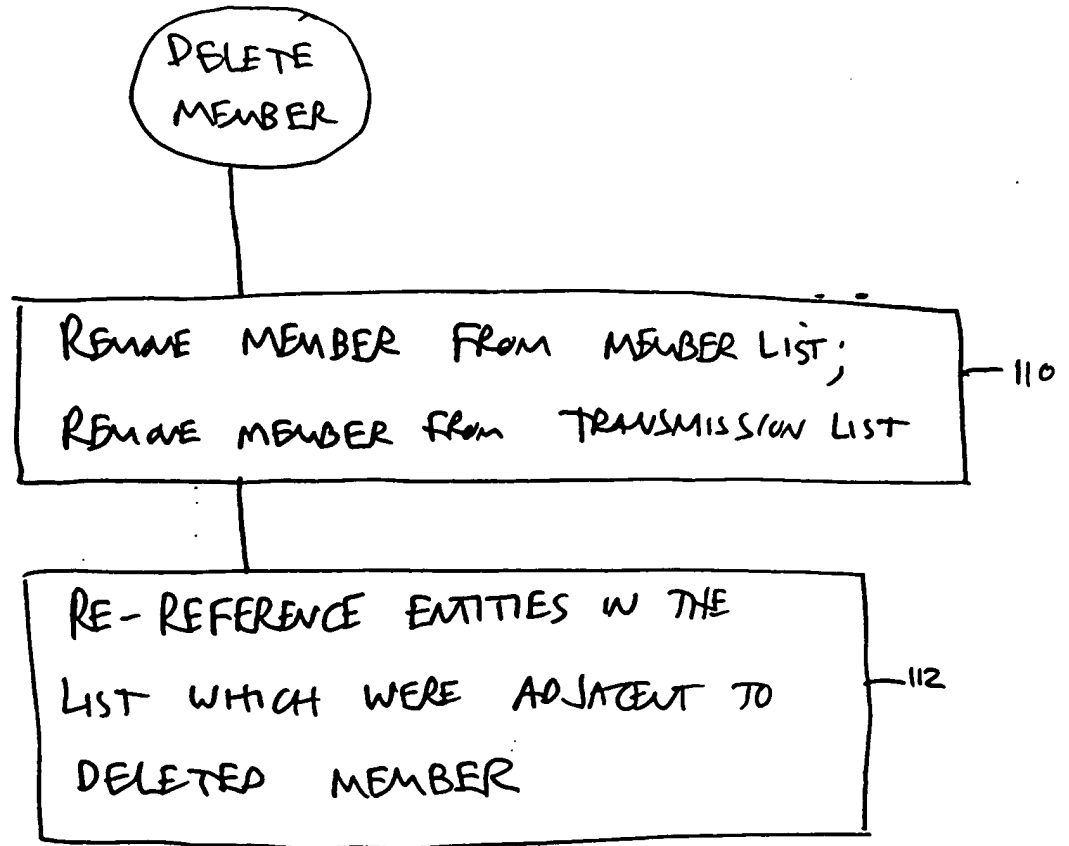


FIG. 8

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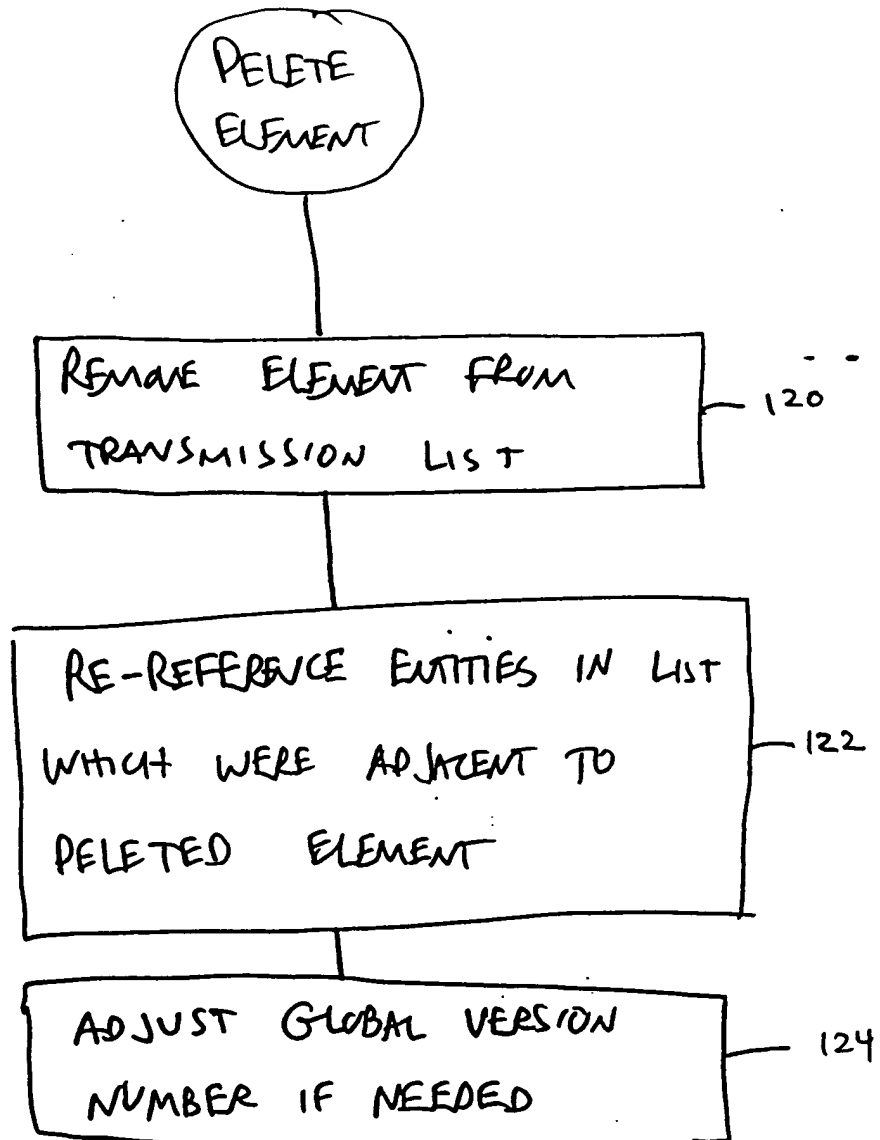


FIG. 9

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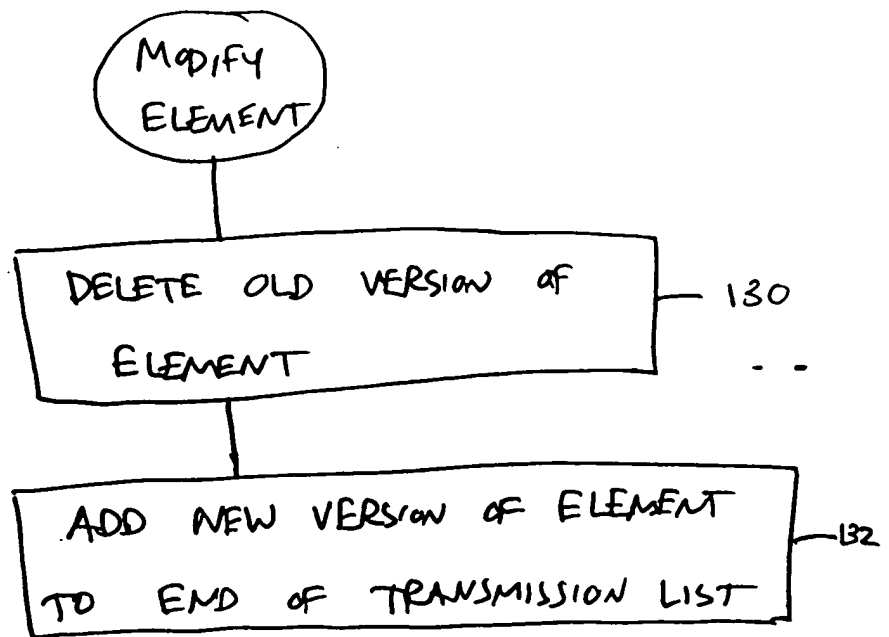


FIG. 10

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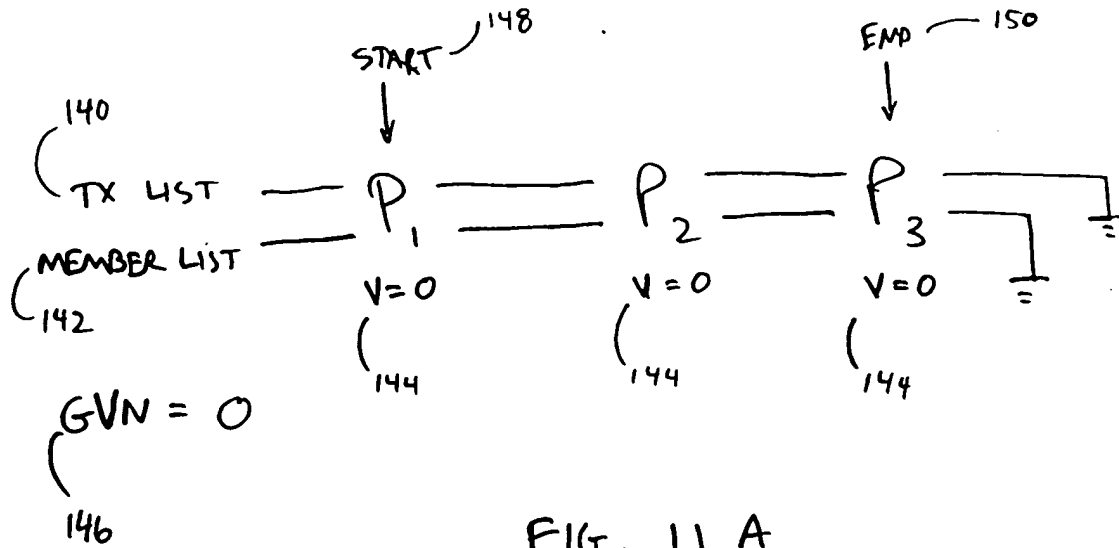


FIG. 11 A

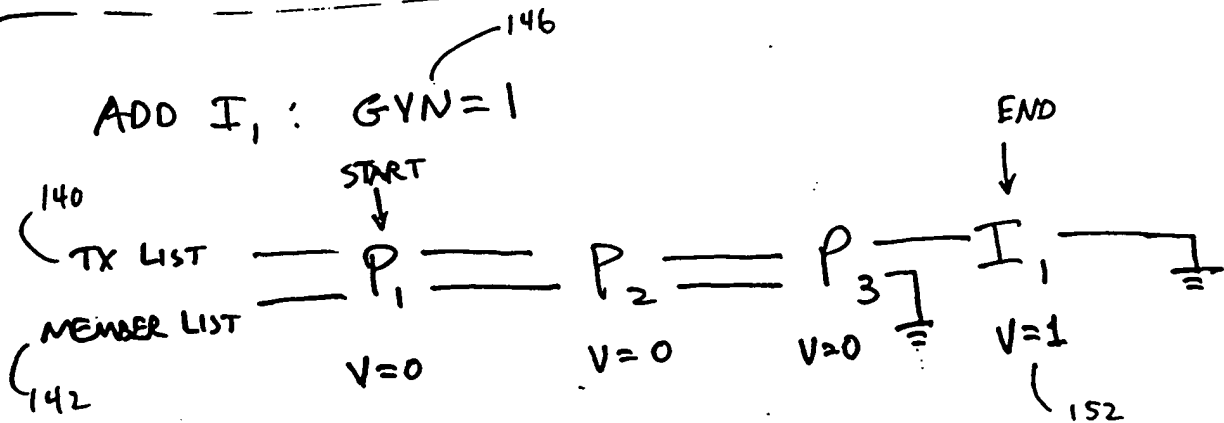


FIG. 11 B

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ADD I_2 : $GVN = 2$

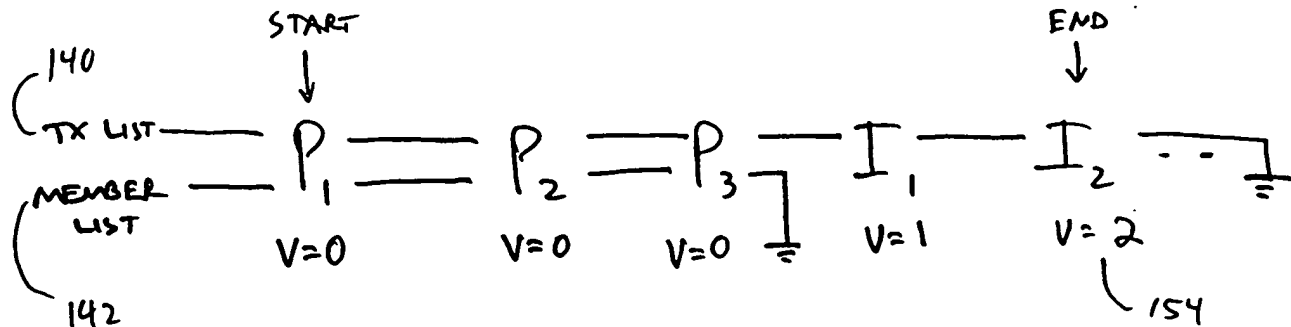


FIG. 11 C

ADD I_3 : $GVN = 3$

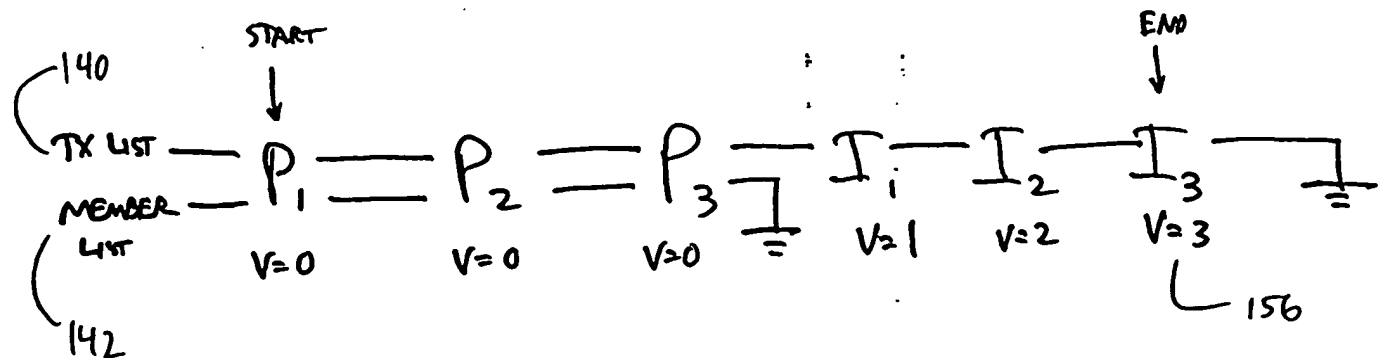


FIG. 11 D

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TRANSMIT (P_1, I_1) [SUCCESSFUL]

G-VN = 3

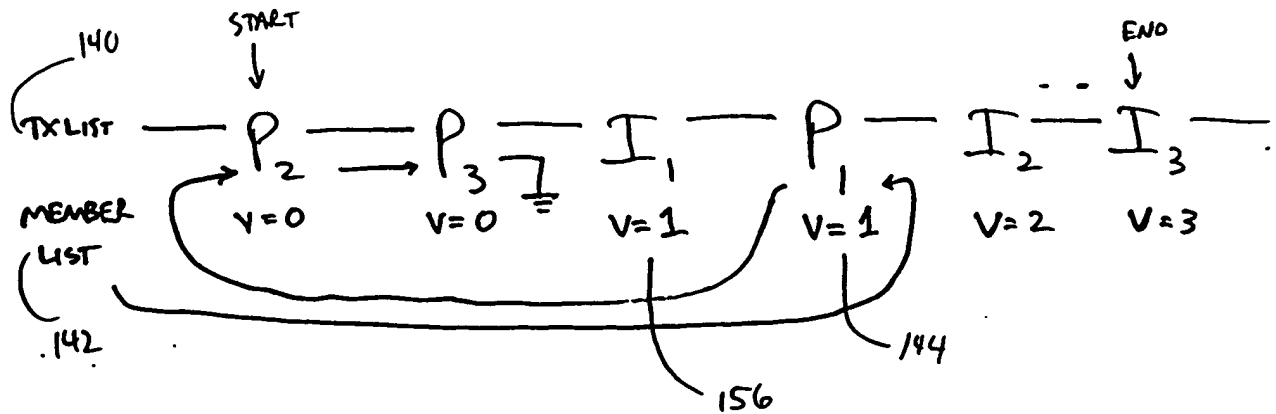


FIG. 11 E

TRANSMIT (P_2, I_1) [UNSUCCESSFUL]

G-VN = 3

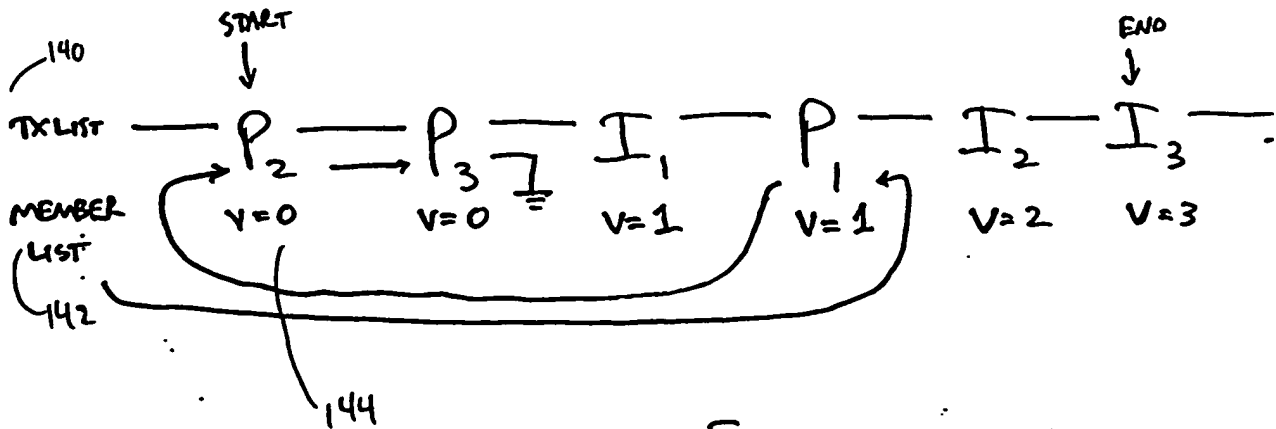


FIG. 11 F

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TRANSMIT (P_2, I_1) [SUCCESSFUL]

G-VN = 3

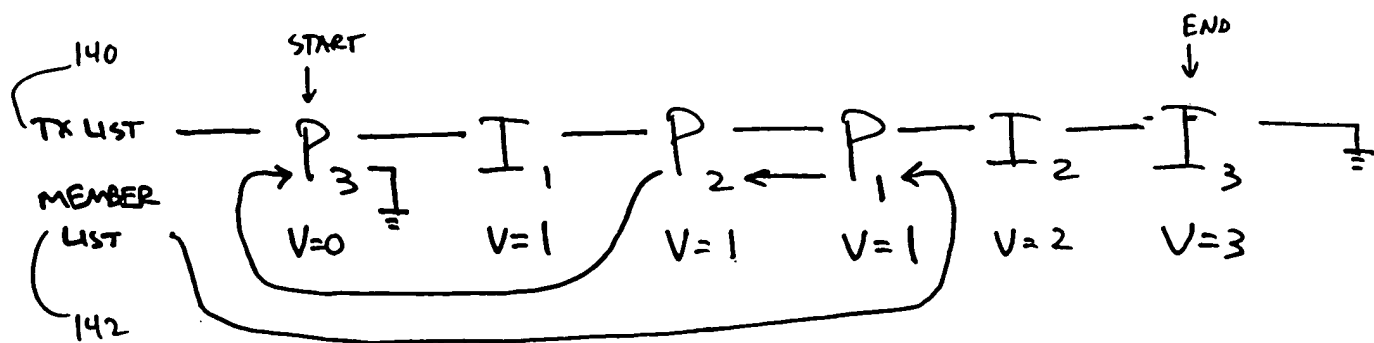


FIG. 11G

TRANSMIT (P_3, I_1) [SUCCESSFUL]

G-VN = 3

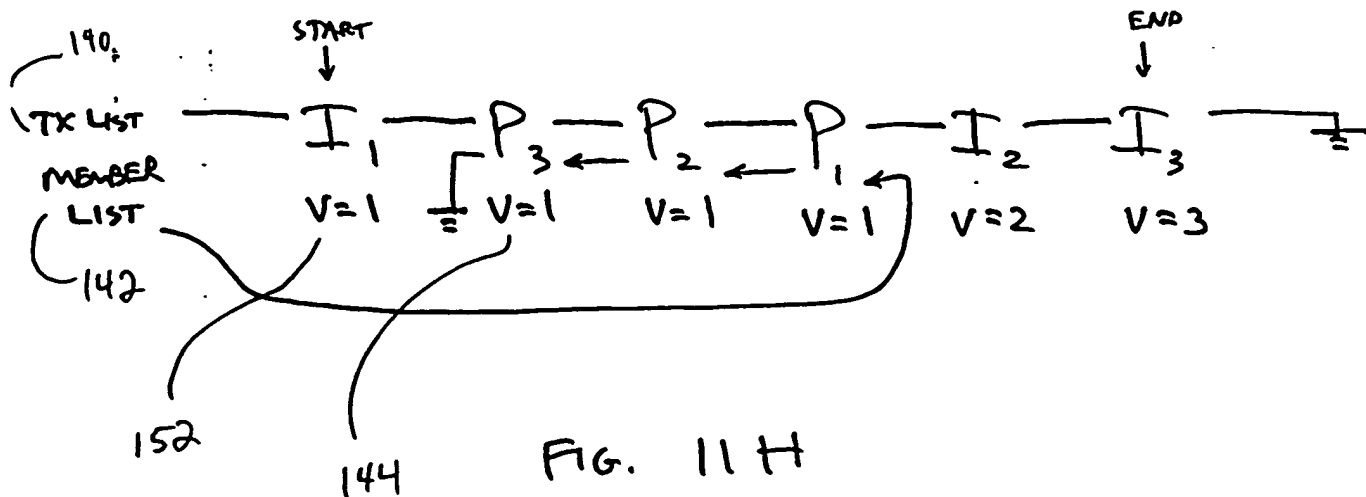


FIG. 11H

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TRANSMIT (P_3, I_2) [SUCCESSFUL]

G-VN = 3

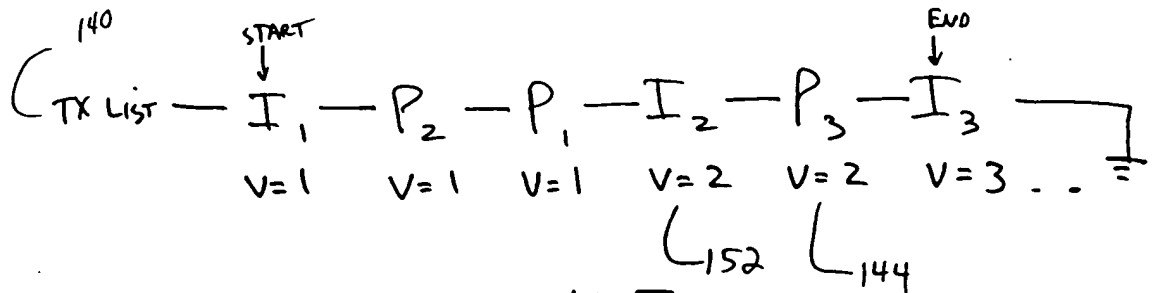


FIG. 11 I

TRANSMIT (P_2, I_2) [SUCCESSFUL]

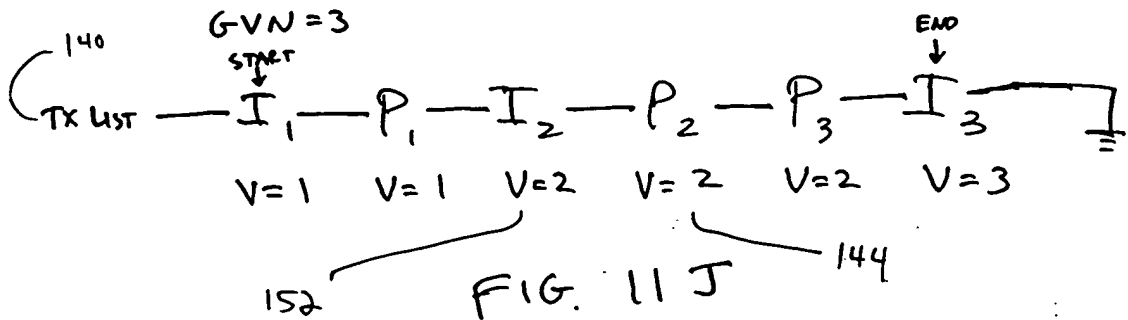


FIG. 11 J

TRANSMIT (P_1, I_2) [SUCCESSFUL]

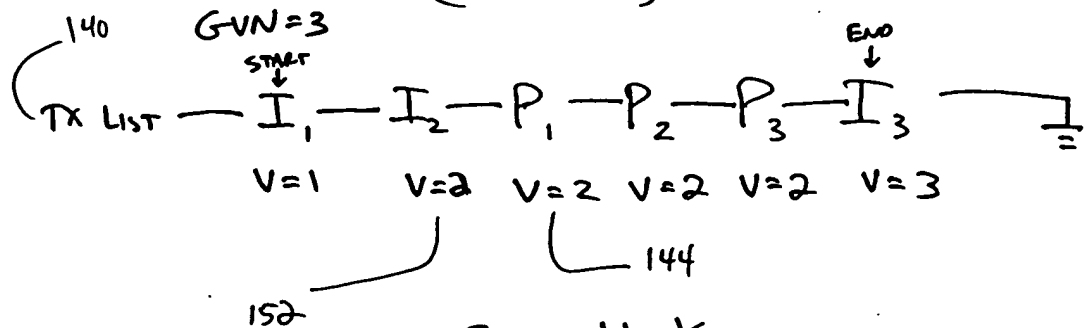


FIG. 11 K

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TRANSMIT (P_1, I_3) [SUCCESSFUL]
 GVN = 3

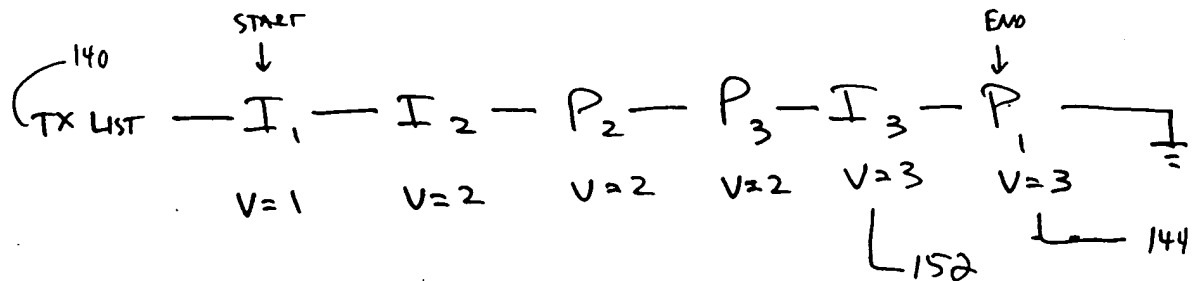


FIG. 11 L

TRANSMIT (P_2, I_3) [SUCCESSFUL]
 GVN = 3

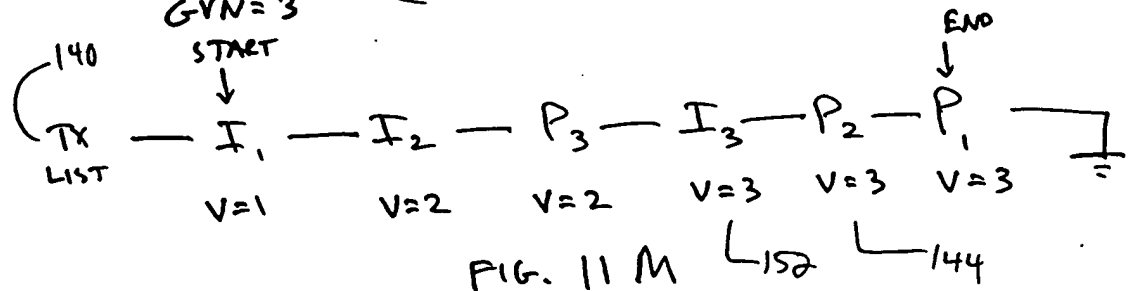


FIG. 11 M

TRANSMIT (P_3, I_3) [SUCCESSFUL]

GVN = 3 ~ 146

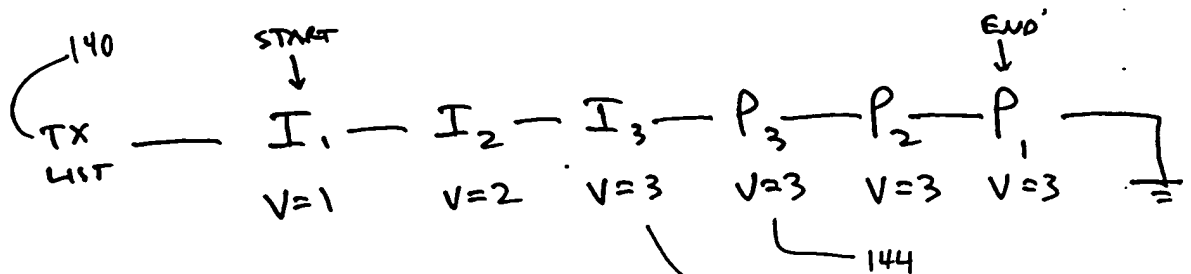


FIG. 11 N

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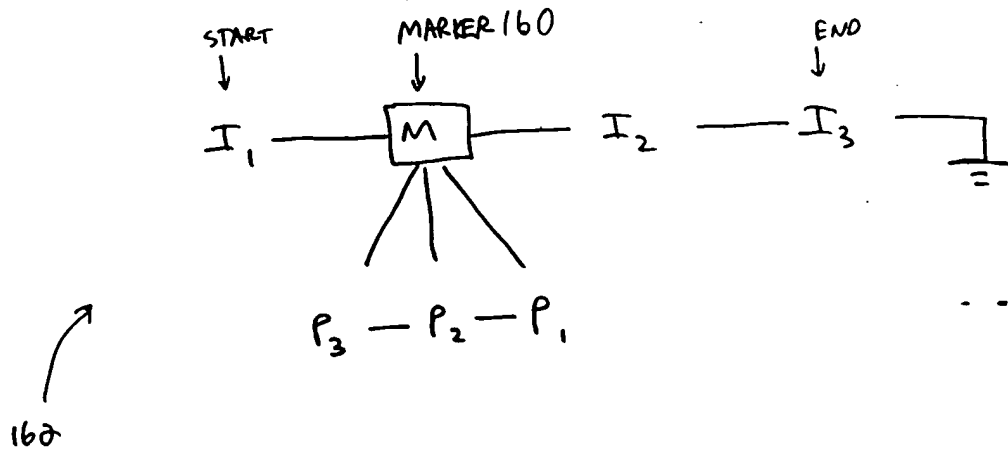


FIG. 12 A

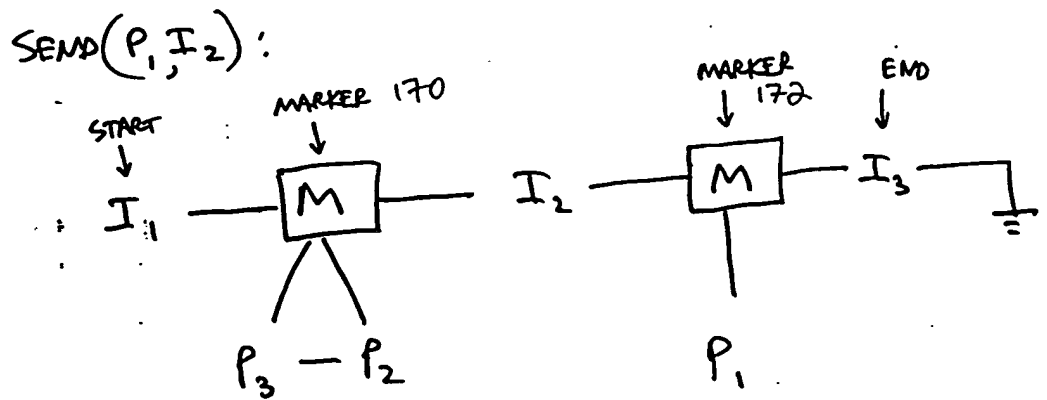


FIG. 12 B